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## 21 [Dynamics and Generalization Ability of LVQ Algorithms](#)

Michael Biehl, Anarta Ghosh, Barbara Hammer

May The Journal of Machine Learning Research, Volume 8  
2007

**Publisher:** MIT Press

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Learning vector quantization (LVQ) schemes constitute intuitive, powerful classification heuristics with numerous successful applications but, so far, limited theoretical background. We study LVQ rigorously within a simplifying model situation: two competing ...

**22** ["Is this document relevant?...probably": a survey of probabilistic models in information retrieval](#)



Fabio Crestani, Mounia Lalmas, Cornelis J. Van Rijsbergen, Iain Campbell  
December 1998 ACM Computing Surveys (CSUR), Volume 30 Issue 4

**Publisher:** ACM

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This article surveys probabilistic approaches to modeling information retrieval. The basic concepts of probabilistic approaches to information retrieval are outlined and the principles and assumptions upon which the approaches are based are presented. ...

**Keyw ords:** information retrieval, probabilistic indexing, probabilistic modeling, probabilistic retrieval, uncertain inference modeling

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